Claim 30 was pending in the application and was rejected. Applicant has canceled

claim 30 and added new claims 31-35. No new matter has been introduced. Support for the new

claims can be found in Applicant's specification as published in United States Publication

2005/0144532, specifically at paragraphs [0007], [0008], [0025] - [0029]. Applicant respectfully

requests allowance of new claims 31-35.

CLAIM REJECTIONS UNDER 35 USC §103

The Office Action finally rejected claim 30 under 35 USC 103(a) as being

unpatentable over Lenny et al. (US 6,600,614), in further view of Brothers et al. (US 6,789,182),

and in further view of Lewis (US 6,430,712).

Claim 30 has been canceled and new claim 31 has been added to clarify the subject

matter which Applicant regards as the invention. The rejections to claim 30 will be addressed

with respect to new claim 31. New claims 32-25 depend on new claim 31.

Claim 31 is not unpatentable over the cited references because none of the cited

references teach or suggest a method that performs all of the steps as recited in claim 31.

Lenny's method for reporting failures on a disc drive fails to compute probability

distributions for the probability that a critical event will occur given the occurrence of associated

events. Lenny's method also fails to migrate a process away from a possible critical event before

the event has occurred.

The Office Action states that Lenny and Brothers do "not teach but Lewis teaches the

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method of dynamically filtering events based on a recorded history of information associated

with the occurrence of events such that only certain critical events that produce global interrupts

are reported to the system monitor." Lewis's method, however, falls short of dynamically

filtering events using an event mask based on a subset of events in order to migrate a process

away from a potential critical event. Lewis's method reports errors after the fact. See Lewis,

Col. 2, lines 40-41: "Alarms are generated to inform an external entity that an event has

occurred or requires attention." [emphasis added]

Therefore, Applicant respectfully request reconsideration of the new claims as

presented and allowance thereof.

Respectfully submitted,

/Michael J. Buchenhorner/

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E-filed on Date: October 30, 2008

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